

REMARKS/ARGUMENTS

Applicant respectfully requests consideration and allowance of the subject application.

Claims 1—22 are cancelled.

Claims 23—44 are new.

Examiner Interview

In a brief telephone interview between the Applicant's attorney and the Examiner, the Applicant announced the Applicant's plan to provide an RCE and new claims. The Examiner indicated that the new claims would be examined, and that some new searching and new prior art references might result. The Applicant's attorney thanks the Examiner for taking a few minutes to discuss the RCE.

New Claims

As discussed in the brief telephone interview, the Applicant has provided new claims. The Applicant submits that the claims are allowable in view of the prior art of record.

Claim 23 recites a method printing, comprising:

- obtaining color space requirements of a document to be printed, wherein the requirements define a boundary of a color space associated with the document;
- obtaining a rendering intent from an author;
- selecting a printer from among a plurality of printers based on a best fit as determined by the color space requirements of the document, the rendering intent of the author and gamuts of each of the plurality of printers, wherein each gamut defines a boundary of a device colors space indicating colors printable by the printer; and
- determining if color mapping is needed, and if so selecting a color map from a selection comprising:
 - a first color map configured to map colors, located between the boundary of the device colors space and the boundary of the

1 input color space, to the boundary of the device colors space, and
2 to not map colors within the device colors space to preserve their
accuracy; and

- 3 • a second color map configured to map colors, located between
4 the boundary of the device colors space and the boundary of the
5 input color space, past the boundary of the device colors space
6 and into the device colors space, and to map colors within the
7 device colors space to preserve color separation between them
8 and the colors mapped into the device colors space.

9 Newly added Claim 23 recites “selecting a printer from among a plurality
10 of printers based on a best fit as determined by the color space requirements of the
11 document, the rendering intent of the author and gamuts of each of the plurality of
12 printers, wherein each gamut defines a boundary of a device colors space
13 indicating colors printable by the printer”. The Applicant submits that *the prior
14 art of record does not teach or suggest selecting a printer from a plurality of
15 printers based, for example, on a rendering intent of the author.*

16 Please see page 17, lines 8—10 and other locations wherein the Applicant
17 discloses that the rendering intent is an input to the best fit algorithm, which
18 selects the best fit printer for the document.

19 Please refer to Figs. 4—6 for discussion of color mapping for background
20 purposes, and not for purposes of interpretation of the claimed subject matter. Fig.
21 4 shows an example of how an input color space having boundary 408 is larger
22 than the device color space having boundary 406. The input color space is the
23 color space that a printer will attempt to print; however, the device color space
24 represents the colors that can be printed by the printer. Thus, Fig. 4 illustrates that
25 in one embodiment colors outside the printers ability to print (that is, outside the
“device colors”) are mapped to the boundary of the device colors, so that they may

1 be printed. Colors within the device colors are not mapped, thereby maintaining
2 their accuracy.

3 Fig. 5 illustrates a further example of mapping. In this case, the input color
4 space is again larger than the device colors space, and mapping is applied. Colors
5 outside the device colors are mapped into the device colors space. However,
6 colors within the device colors space are also mapped, thereby maintaining an
7 appropriate difference between similar colors.

8 Fig. 6 illustrates a combination of aspects of Figs. 4 and 5, wherein the
9 device colors are mapped somewhat, to maintain some of the expected difference
10 between colors, but are not mapped to the degree seen in Fig. 5, to thereby
11 maintain some of the accuracy found in the system of Fig. 4.

12 The Applicant submits that a printer and method of printing according to
13 the recitations of Claim 23 is not disclosed, taught or suggested by the prior art of
14 record. Accordingly, the Applicant respectfully requests that Claim 23 be allowed
15 to issue.

16 **Claims 24—30** depend from Claim 23 and are allowable due to their
17 dependence from an allowable base claim. These claims are also allowable for
18 their own recited features that, in combination with those recited in Claim 23, are
19 neither disclosed nor suggested in references of record, either singly or in
20 combination with one another.

21 **Claims 31 and 38** recite elements similar to those recited by Claim 23, and
22 are allowable for at least that reason. These claims are also allowable for their
23 own recited features that are not shown, taught or suggested in references of
24 record, either singly or in combination with one another.

1 **Claims 32—37 and 39—44** depend from Claims 31 and 38 and are
2 allowable due to their dependence from an allowable base claim. These claims are
3 also allowable for their own recited features that, in combination with those
4 recited in Claims 31 and 38, are neither disclosed nor suggested in references of
5 record, either singly or in combination with one another.

6 **Conclusion**

7 The Applicant submits that all of the claims are in condition for allowance
8 and respectfully requests that a Notice of Allowability be issued. If the Office's
9 next anticipated action is not the issuance of a Notice of Allowability, the
10 Applicant respectfully requests that the undersigned attorney be contacted for
11 scheduling an interview.

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13 Respectfully Submitted,

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